

## SEQUENCE LISTING

<110> AVENTIS PHARMA SA  
US GOVERNMENT of the UNITED STATES

<120> NUCLEIC ACID OF THE HUMAN ABCC11 GENE, VECTORS  
CONTAINING SUCH NUCLEIC ACID, AND USES THEREOF

<130> ABCC11 GENE

<140> ST01005

<141> 2002-03-05

<150> 60/272,757

<151> 2001-03-05

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<170> PatentIn Ver. 2.1

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1. **Introduction**  
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 18. **Figure 10**  
 19. **Figure 11**  
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Lys Leu Ser Val Ile Pro Gln Asp Pro Val Leu Leu Ser Gly Thr Ile  
 1220 1225 1230  
 Arg Phe Asn Leu Asp Pro Phe Asp Arg His Thr Asp Gln Gln Ile Trp  
 1235 1240 1245  
 Asp Ala Leu Glu Arg Thr Phe Leu Thr Lys Ala Ile Ser Lys Phe Pro  
 1250 1255 1260  
 Lys Lys Leu His Thr Asp Val Val Glu Asn Gly Gly Asn Phe Ser Val  
 1265 1270 1275 1280  
 Gly Glu Arg Gln Leu Leu Cys Ile Ala Arg Ala Val Leu Arg Asn Ser  
 1285 1290 1295  
 Lys Ile Ile Leu Ile Asp Glu Ala Thr Ala Ser Ile Asp Met Glu Thr  
 1300 1305 1310  
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 1315 1320 1325  
 Val Leu Val Ile Ala His Arg Val Thr Thr Val Leu Asn Cys Asp His  
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 Ile Leu Val Met Gly Asn Gly Lys Val Val Glu Phe Asp Arg Pro Glu  
 1345 1350 1355 1360  
 Val Leu Arg Lys Lys Pro Gly Ser Leu Phe Ala Ala Leu Met Ala Thr  
 1365 1370 1375  
 Ala Thr Ser Ser Leu Arg  
 1380

1220 1225 1230  
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 1285 1290 1295  
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 1365 1370 1375  
 1380

# Sequence Comparison 'A'

RESULT  
 AI676121  
 LOCUS AI676121 326 bp mRNA linear EST 17-DEC-1999  
 DEFINITION wc05f11.x1 NCI\_CGAP\_Pr28 Homo sapiens cDNA clone IMAGE:2314317 3', mRNA sequence.  
 ACCESSION AI676121  
 VERSION AI676121.1 GI:4876601  
 KEYWORDS EST.  
 SOURCE human.  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
 REFERENCE 1 (bases 1 to 326)  
 AUTHORS NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.  
 TITLE National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index  
 JOURNAL Unpublished (1997)  
 COMMENT Contact: Robert Strausberg, Ph.D.  
 Email: [cgapbs-r@mail.nih.gov](mailto:cgapbs-r@mail.nih.gov)  
 Tissue Procurement: Michael J. Brownstein, M.D., Ph.D., Michael R. Emmert-Buck, M.D., Ph.D.  
 cDNA Library Preparation: M. Bento Soares, Ph.D.  
 cDNA Library Arrayed by: Greg Lennon, Ph.D.  
 DNA Sequencing by: Washington University Genome Sequencing Center  
 Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: [www-bio.llnl.gov/bbrp/image/image.html](http://www-bio.llnl.gov/bbrp/image/image.html)  
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 Seq primer: -40UP from Gibco.

FEATURES  
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 Location/Qualifiers  
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 /clone="IMAGE:2314317"  
 /clone\_lib="NCI\_CGAP\_Pr28"  
 /sex="male"  
 /dev\_stage="adult"  
 /lab\_host="DH10B"  
 /note="Organ: prostate; Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Plasmid DNA from the normalized library NCI\_CGAP\_Pr22 was prepared, and ss circles were made in vitro. Following HAP purification, this DNA was used as tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from a pool of 5,000 clones made from the same library (cloneIDs 985608-986759, 1101192-1101959, and 1217928-1220615). Subtraction by Bento Soares and M. Fatima Bonaldo."

BASE COUNT 94 a 81 c 61 g 90 t  
 ORIGIN  
 Query Match 6.4%; Score 310.2; DB 9; Length 326;  
 Best Local Similarity 99.0%; Pred. No. 1.2e-78;  
 Matches 312; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Db	326	GAGGTTACACAGGTGCAGCTTCGAGGCCACAGTCTGCGACCTTCTGTTGGAGATGA	267
QY	4600	GAAGTTCTCCTGGAAGCAGGGGTAAATGTAGGGGGGGTGGGGATTGCTGGATGGAACCC	4659
Db	266	GAAGTTCTCCTGGAAGCAGGGGTAAATGTAGGGGGGGTGGGGATTGCTGGATGGAACCC	207
QY	4660	TGGAATAGGCTACTTGATGGCTCTCAAGACCTTAGAACCCAGAACCATCTAAGACATGG	4719
Db	206	TGGAATAGGCTACTTGATGGCTCTCAAGACCTTAGAACCCAGAACCATCTAAGACATGG	147
QY	4720	GATTCAGTGATCATGTGGTTCTCCTTTTAACCTACATGCTGAATAATTTATAATAAGGT	4779
Db	146	GATTCAGTGATCATGTGGTTCTCCTTTTAACCTACATGCTGAATAATTTATAATAAGGT	87
QY	4780	AAAAGCTTATAGTTTCTGATCTGTGTTAGAGTGTGCAAATGCTGTACTGACTTTGTA	4839
Db	86	AAAAGCTTATAGTTTCTGATCTGTGTTAGAGTGTGCAAATGCTGTACTGACTTTGTA	27
QY	4840	AAATATAAACTAAG	4854
Db	26	AAATATAAACTAAG	12